

Becht Central Engineering Support

The Becht Difference

Becht Engineering is a speciality provider of engineering consulting services and turnaround management, planning and support services for the refinery, petrochemical, chemical and utility industries. Our broad range of capabilities allow Becht's Subject Matter Experts (SMEs) to act as a site's central engineering group or to supplement a site's own internal capabilities. Becht Engineering personnel, most with over 30 years of experience, had long term careers within Owner Organizations and, as a result, **approach a project with an owners' perspective** of safety, reliability, quality, cost and schedule. Becht Engineering supports plants and manufacturing with:

Central Engineering Objective

- On call resource to augment site technical experience
- Easy pathway to consult with plant/industry code discipline SMEs
- Provide clear, actionable and practical opinions
- Single PO reduces activation energy for small projects
- Pay as you go, no up front payment

Typical Interactions

- SME opinions (codes, standards, technical "hurdles")
- Code "check"
- Fabrication/design questions
- Concept development—"how to?"
- Validation of plant opinions

Engineering Support Disciplines

Custom tailored to suit the needs of each particular client. Provide SME level support where needed:

Technical Support

- Mechanical Engineering
 - Fixed Equipment
 - Rotating Equipment
 - Fired Equipment
- Code/Standards Questions
- Metallurgy and Corrosion
- Process Engineering
- Process Safety
- Electrical
- Instrumentation/Analyzer/Controls
- Reliability
- Operations
- Maintenance
- Discovery Engineering
- Heavy Lift

How-To Get Started?

- Establish a single Purchase Order
- Establish Client and Becht Point of Contact
 - On-going contact typically by phone/email
 - Can use Central Engineering for small site troubleshooting
- Kickoff—Introduction to our services
- Administration—tracking & reporting
 - Closely track contact, subject matter, and hours
 - Monthly report/meeting
- Follow up to confirm usage/value

Industries Supported

- Refining
- Petrochemical
- Chemical
- Specialty Chemical
- Nuclear
- Industrial Gases
- Other Heavy Industrial



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Becht Engineering

We Solve Problems...